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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/814,322	03/31/2004	John M. Myer	18084	5147

7590 04/05/2006
Robert J. Kapalka
Tyco Technology Resources
Suite 140
4550 New Linden Hill Road
Wilmington, DE 19808

EXAMINER

LE, THANH TAM T

ART UNIT PAPER NUMBER

2839

DATE MAILED: 04/05/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/814,322

Applicant(s)

MYER ET AL.

Examiner

Thanh-Tam T. Le

Art Unit

2839

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 1/17/06.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3, 5-7, 10, 11, 17, 18 and 20 is/are rejected.
- 7) ☒ Claim(s) 4, 8-9, 12-16, 19 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

2. Claims 1, 10 and 17 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. Claim 1, line 10, claim 10, line 10 and claim 17, line 13, "an elongate seamless shielded tube" is not described in the specification.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-3, 5-7, 10-11, 17-18 and 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kosmala (5,645,454) in view of Regnier (6,575,761).

Regarding claims 1 and 10-11, Kosmala, figures 1 and 4-6, discloses a shielded jack assembly comprising:

- an insulator member (14) having pin receiving passageway, a rear slot intersecting the passageway at least to an outer surface of the insulator;
- a pin (12) having an elongate portion (20) and an orthogonally arranged PCB tine (22), which extends in the rear slot, the pin having a mating portion extending into the recess portion, where the pin is exposed;
- a shielded tube (36) extending at least partially along a length of the insulator member; and
- a metallic shell (38) having an outer body (44) conforming to an exterior contour of the shielded tube, side wall portions (52) and a rear plate portion (56) hingedly connected to the outer body and folded downwardly to enclose an end opening.

Kosmala discloses the claimed invention as described above except for a seamless shielded tube and a stamped metallic ground shell.

Regnier, figure 7 shows a coaxial connector module having a conductive shield (14) and a rear shield (38) that read as a seamless shielded tube and a stamped metallic ground shell, respectively. It would have been obvious to one with ordinary skill in the art at the time the invention was made to modify Kosmala to have the conductive shield and the rear shield, as taught by Regnier for better connection.

Regarding claim 2, figures 1 and 4, Kosmala discloses the insulator member, shielded tube and the outer body of the shell are cylindrical in cross section.

Regarding claim 3, Kosmala discloses the shielded tube and the ground shell are fixed together along their length.

Regarding claim 5, it is noted that Regnier, figure 7 shows an outer shroud portion (44) surrounding the shielded tube, forming an outer shielding.

Regarding claim 6, the outer shroud portion is stamped and formed to define a longitudinal overlapping seam.

Regarding claim 7, it is noted that Regnier disclose a plurality of assembled insulator members, pins, shielded tubes, and ground shells, the shroud including a rear wall having a plurality of openings (not labeled) therethrough for receiving the plurality of assembled insulator members, pins, shielded tubes and ground shells.

Regarding claims 17-18 and 20, the features in the method claims are identical to those in the apparatus claims; therefore, the method of forming a shielded jack assembly alone is not a patentable feature.

Allowable Subject Matter

5. Claims 4, 8-9, 12-16 and 19 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

6. The following is an examiner's statement of reasons for allowance:

None of the references in the record discloses the overlapping seam extends downwardly and inwardly and defines an alignment rib for a mating connector (claims 8-9) and the tube including a peripheral undercut and the ground shell is crimped around

the tube with a section of the outer body portion extending into the undercut (claims 4, 12-16 and 19), as set forth in the claimed combination.

7. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

8. Claims 4, 8-9, 12-13, 15-16 and 19 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action.

Response to Arguments

9. Applicant's arguments with respect to claims 1-20 have been considered but are moot in view of the new ground(s) of rejection.

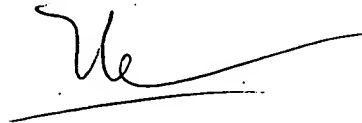
Conclusion

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thanh-Tam T. Le whose telephone number is 571-272-2094. The examiner can normally be reached on 7:30-5:00.

11. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, TC Patel can be reached on 571-272-2098. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2839

12. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Thanh-Tam T. Le
Primary Examiner
Art Unit 2839

TL.
03/31/06.